

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re U.S. Application of:)
 Applicant(s): Takahiro Sasaki)
 Serial No.: 10/665,280)
 Conf. No.: 5624)
 Filed: September 18, 2003)
 For: LIQUID CRYSTAL DISPLAY)
 DEVICE AND LIQUID)
 ORIENTATION METHOD)
 Art Unit: 2871)
 Examiner: Duong, Thoi V.)

I hereby certify that this paper is being deposited with
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 Commissioner for Patents, P.O. Box 1450, Alexandria,
 VA 22313-1450, on this date.

July 6, 2006
 Date


 Attorney for Applicant(s)
 Registration No. 47,954

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage;
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a first Office Action after the filing of a Request for Continued Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. 1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. 1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By: 

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 Form PTO-1449 U.S. Department of Commerce
 (Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 1117.68338

Serial No.: 10/665,280

 INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

Applicant: Takahiro Sasaki

Filing Date: September 18, 2003

Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,424,397	July 23, 2002	Kuo			
	6,836,308	Dec. 28, 2004	Sawasaki et al.			
	5,844,649	Dec. 1, 1998	Yamahara et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.